What is claimed is:

1. An anode material, comprising:

a tin-containing material including metallic tin (Sn) and an intermetallic compound including tin in the same particle.

2. An anode material according to claim 1, wherein

the tin-containing material is produced by a mechanical alloying method, a gas atomization method, a water atomization method, a melt spinning method, or a method of mixing materials, then heating the mixed materials in an inert atmosphere or a reducing atmosphere.

3. An anode material according to claim 1, further comprising:

a carbonaceous material.

4. An anode material according to claim 3, wherein

the carbonaceous material is graphite.

5. A battery, comprising:

a cathode;

an anode; and

an electrolyte,

wherein the anode comprises a tin-containing material including metallic tin (Sn) and an intermetallic compound including tin in the same particle.

6. A battery according to claim 5, wherein

the tin-containing material is produced by a mechanical alloying method, a gas atomization method, a water atomization method, a melt spinning method, or a method of mixing materials, then heating the mixed materials in an inert atmosphere or a reducing atmosphere.

7. A battery according to claim 5, wherein

the anode further comprises a carbonaceous material.

8. A battery according to claim 7, wherein

the carbonaceous material is graphite.

9. A battery according to claim 5, wherein

the cathode includes lithium complex oxide.